



State of Utah

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December 10, 2001

TO: Minerals File

FROM: Lynn Kunzler, Senior Reclamation Specialist 

RE: Site Inspection, Kennecott Barney's Canyon Mining Company, Barney's Canyon Mine, M/035/009, Salt Lake County, Utah

Date of Inspection: November 19, 2001
Time of Inspection: 9:00 a.m.
Conditions: Clear, cool
Participants: Bear Slothower and Ray Gottling, Kennecott; Doug Jensen and Lynn Kunzler, DOGM

Purpose of Inspection: To determine if reclamation standards have been met.

Observations:

This inspection started with a briefing meeting in the office where we were given a copy of the 7/26/01 Disturbed and Reclaimed Areas map for the Barneys Canyon Mine. We then proceeded to inspect the 1997 reclaimed areas (marked as Area 1, Area 2 and Area 3 on the map). Area 1 is the 6500 dump area to the north and east of the Barneys Canyon pit. Vegetation cover on this area averaged 54%, which is in excess of the revegetation success standard of 38.5% (.7 x 55%). Diversity was quite low, with the site being dominated by alfalfa, sweet clover and intermediate (?) wheatgrass. However, there were a few other grasses, (sheep fescue, slender wheatgrass) and shrubs (sagebrush and rabbit brush) observed.

Area 2 was located to the east of the Barneys 6300 Dump. Vegetation cover was slightly less at 48%. However, this site had better diversity. While the same species were present, there was a better mix. Also, indian ricegrass, bluebunch wheatgrass and mahogany were observed on this area.

Area 3 included the East Barneys Pit area. While vegetation cover was less (42%), the diversity and distribution of plants was much better. There was a marked increase in the number of shrubs (individual plants) on this area.

Recommendations:

Since all three areas exceed the revegetation success criteria of 38.5% ground cover, it is recommended that these areas be released from further reclamation liability.

Several photos were taken to document site conditions.

jb
cc: Bear Slothower, KBCMC
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